





Return Statements

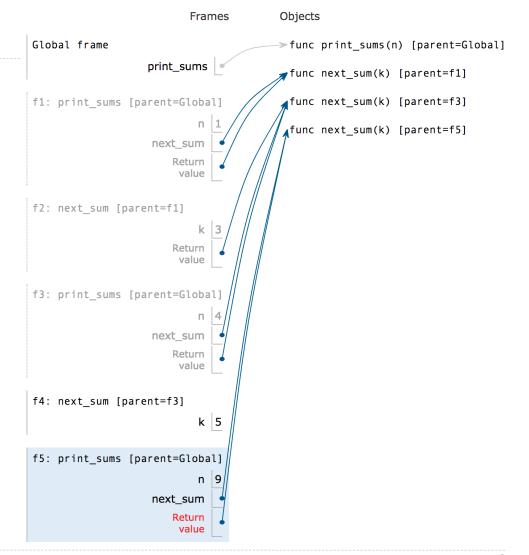
A return statement completes the evaluation of a call expression and provides its value f(x) for user-defined function f: switch to a new environment; execute f's body return statement within f: switch back to the previous environment; f(x) now has a value f(x) one return statement is ever executed while executing the body of a function

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Self-Reference

(Demo)

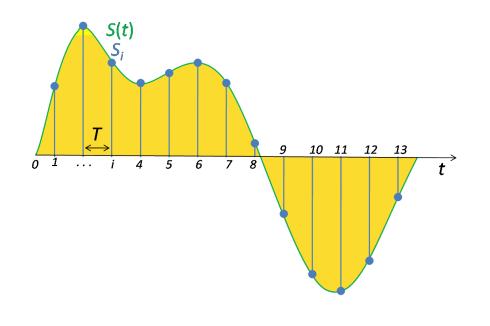
Returning a Function Using Its Own Name



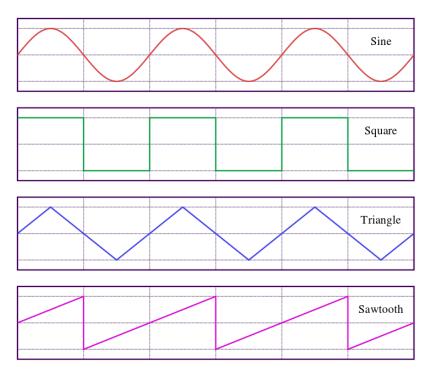
Function Example: Sounds

WAV Files

The Waveform Audio File Format encodes a sampled sound wave



A triangle wave is the simple wave form with the most pleasing sound



(Demo)